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## TAPESTRY LOOM

The loom is shipped fully assembled with 200 heddles, and is ready for the warp.

Please familiarize yourself with the various parts of the loom to avoid any confusion if the harnesses are removed to add or subtract heddles.

The *harnesses* move to change the shed by a gentle, slightly upward, push on the forward harness, which causes this harness to release. The harnesses change places with each other and again lock into place with a new shed open.

The secret to this *operation* is the driver cords, which connect top harness bar to top harness bar and bottom harness bar to bottom harness bar passing around the stationary rod which acts as a pulley.

The upper and lower harnesses are equal in size but have different side frame shapes. Therefore, they will only operate when in the correct position.

Two steel *spreader rods* are provided to keep the legs open when tension is applied to the warp threads.

The *warp spacer* (spring) is at the top of the loom under the cover bar. The cover bar is removed during warping and then replaced to control the warp when tension is released between weaving sessions and during transporting.

The top roller is the *warp roller*; the bottom roller is the *cloth roller*. The warp is tied onto the apron rod on each roller. The path of the warp threads is as follows: the warp comes off the warp roller, over the spacer (spring), down through the heddles in the harnesses, down the front of the loom, under the front beam and back to the cloth roller.

Please contact us if you need assistance with your loom.

HAPPY WEAVING !

## TAPESTRY LOOM WARPING INSTRUCTIONS

Recommended books:

“Learning to Weave” by Deborah Chandler (for warping instructions)

“Tapestry Weaving” by Nancy Harvey

**These are the steps you will follow:**

1. Measure the warp threads.
2. Attach warp threads to top apron rod.
3. Spread warp in warp spacer (spring).
4. Beaming the warp onto the warp roller.
5. Thread the heddles.
6. Tying warp threads onto bottom apron rod.

*All page numbers refer to “Learning to Weave” by Deborah Chandler.*

### **1. Measuring the Warp:**

- Wind warp chain following instructions pages 26-30 & 56-58. Make sure you DO NOT CUT either end of the warp chain.

### **2. Attaching the Warp to the Top Apron Rod:**

- Facing the loom, pull roller cords and apron rod up between top bars and drape over warp spacer cover. (This is the path the warp must take when you beam the warp onto the roller in step 4.)
- To disconnect the apron rod from the roller, lift steel rod from channel in roller. Slide steel rod out of cords and pull apron rod with cords off roller. Slide apron rod with cords through the end loops of the warp (the end with the cross.) Warp threads should be evenly spread along the apron rod. Thread cords through holes in roller. Insert steel rod into cords making sure that the apron rod is even. Lay steel rod back into channel.
- *For old looms:* Slide the wooden apron rod through the end loops of the warp (the end with the cross.) Re-thread roller cords through holes in wooden apron rod. Warp threads should be evenly divided on either side of middle cord on the apron rod. Remember to tie on any loose threads. Slip steel rod through holes in roller cords. Make sure to select roller cord holes to make the apron rod even. Put a small rubber band on each end of the apron rod to keep wooden and steel rods together.

### **3. Spread Warp in Warp Spacer:**

- Remove warp spacer cover. Find & mark the center of the warp spacer.
- Spread the warp threads evenly across warp spacer. Use the “cross” to keep the threads in order. The warp spacer is set at 9 ends per inch (epi). See diagrams pg 34-35.
- Replace warp spacer cover.

### **4. Beaming the Warp:**

- Spread warp threads evenly across the wooden apron rod.
- Prepare to wind warp onto warp roller. Cut pieces of heavy paper, or unprinted paper grocery bags to equal warp length. See pg 62-63. (Don't need to use raddle.)
- Slowly wind warp onto roller placing paper between each revolution.
- Wind on warp until ends reach the lower front crossbar of the tapestry loom. Cut end loops.

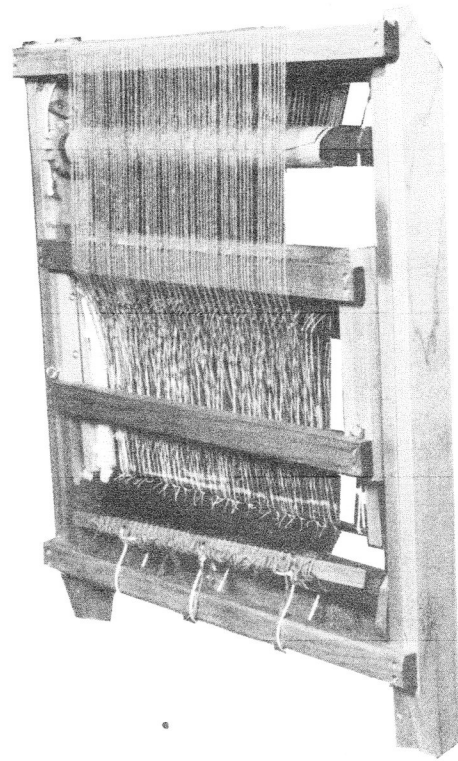
### **5. Threading the Heddles:**

- For new looms: Separate into individual heddles by cutting heddle end loops (loops extending outside steel rods).
- Count out heddles needed for warp threads. Half the threads on each harness (shaft).  
\*\* Note: Unused heddles should be evenly divided on each side of harness (shaft).
- Thread warp threads down through heddle eye, alternating upper and lower harnesses (shafts). (To thread heddles, fold warp end, push with fingers into eye then pull through.)
- Check that heddles are correctly threaded and that no threads from upper harness (shaft) cross heddles on lower harness (shaft).

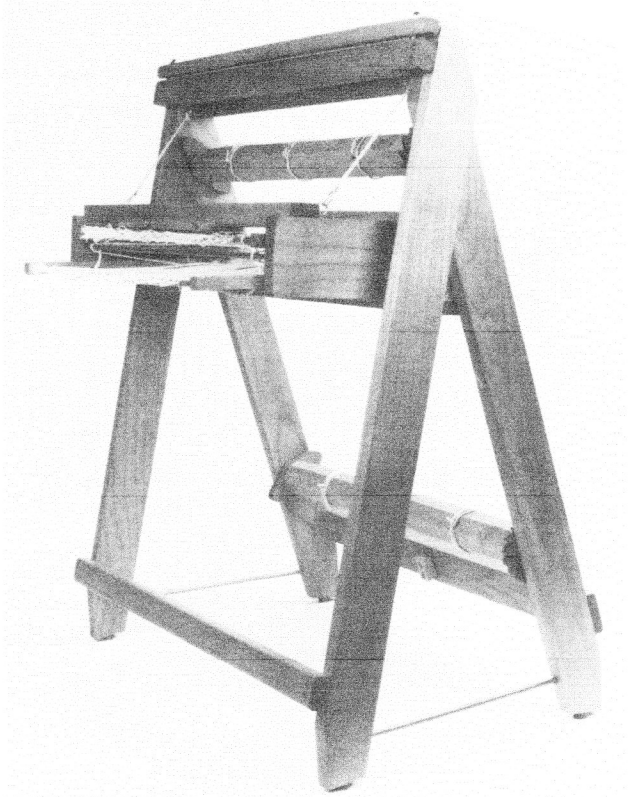
### **6. Tying onto Bottom Apron Rod:**

- Pull the bottom apron rod under and up over the lower front crossbar. (The finished tapestry will wind onto the bottom (cloth) roller.)
- Tie bundles of 4 threads onto bottom apron rod. Check for even tension across warp threads. Adjust if necessary. See pg 72-73.
- You are now ready to begin weaving the header. Try using thin strips of cloth or plastic grocery bags.

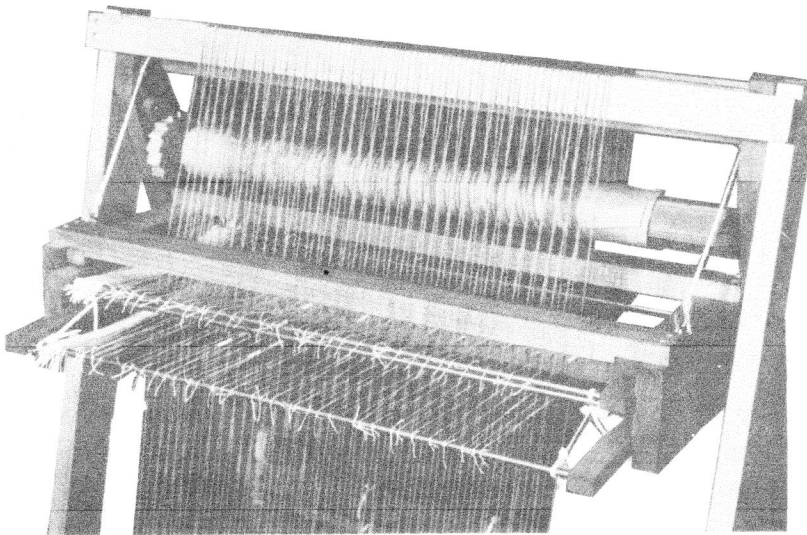
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FOLDED TAPESTRY LOOM



OPEN TAPESTRY LOOM



TAPESTRY LOOM DETAIL

## TAPESTRY LOOM

This folding loom has 21" weaving width and two harnesses to create an easy shed. Warp spacer controls threads at all times. Very transportable. Includes 200 Texsolv heddles. Measures 29" X 32" X 4" folded and opens to 29" X 32" X 15" when in action. Weighs 19 lbs.